

Rechargeable Mobile Hand-Held Fingerprint Scanner with a Data and Power Communication Interface

Abstract of the Disclosure

5 A mobile, hand-held fingerprint scanner is recharged by a data and power
communication interface. The mobile, hand-held fingerprint scanner includes a
rechargeable power supply and a data and power communication interface. The
rechargeable power supply powers the fingerprint scanner during mobile use. In
one example, the rechargeable power supply includes at least one rechargeable
10 battery, a charging circuit, and a voltage regulator circuit. Data and recharging
power is carried over the same interface. A separate plug for power is not
needed. The fingerprint scanner can then be inserted quickly and easily in a
docking station as only a single data and power communication interface need be
coupled. This is particularly advantageous in law enforcement applications
15 where mobile use is important and safety can be compromised if a mobile scanner
does not couple to a docking station quickly and easily.